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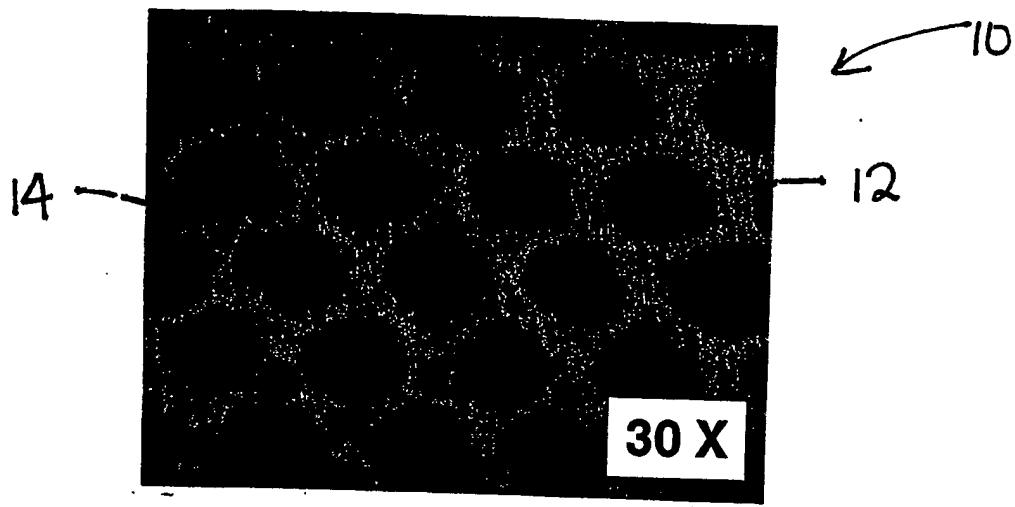


FIG. 1

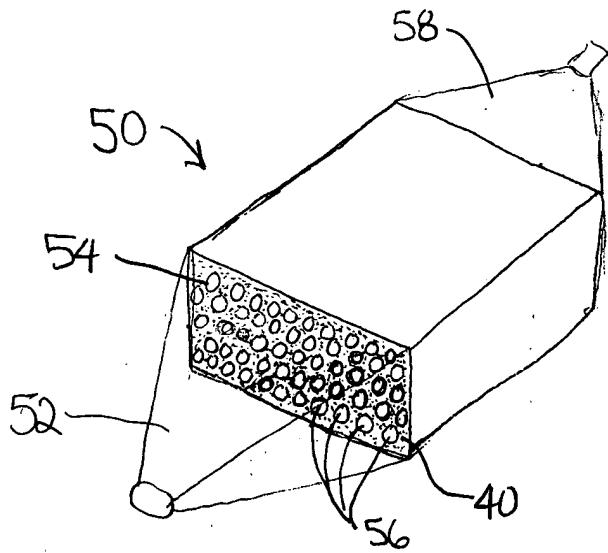


FIG. 2

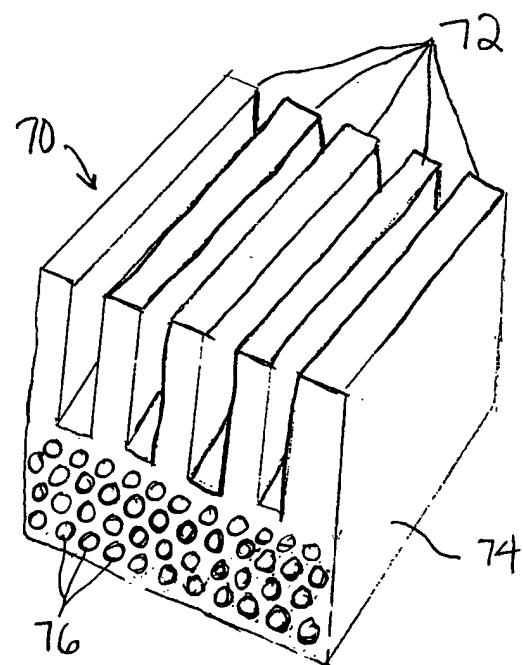


FIG. 3

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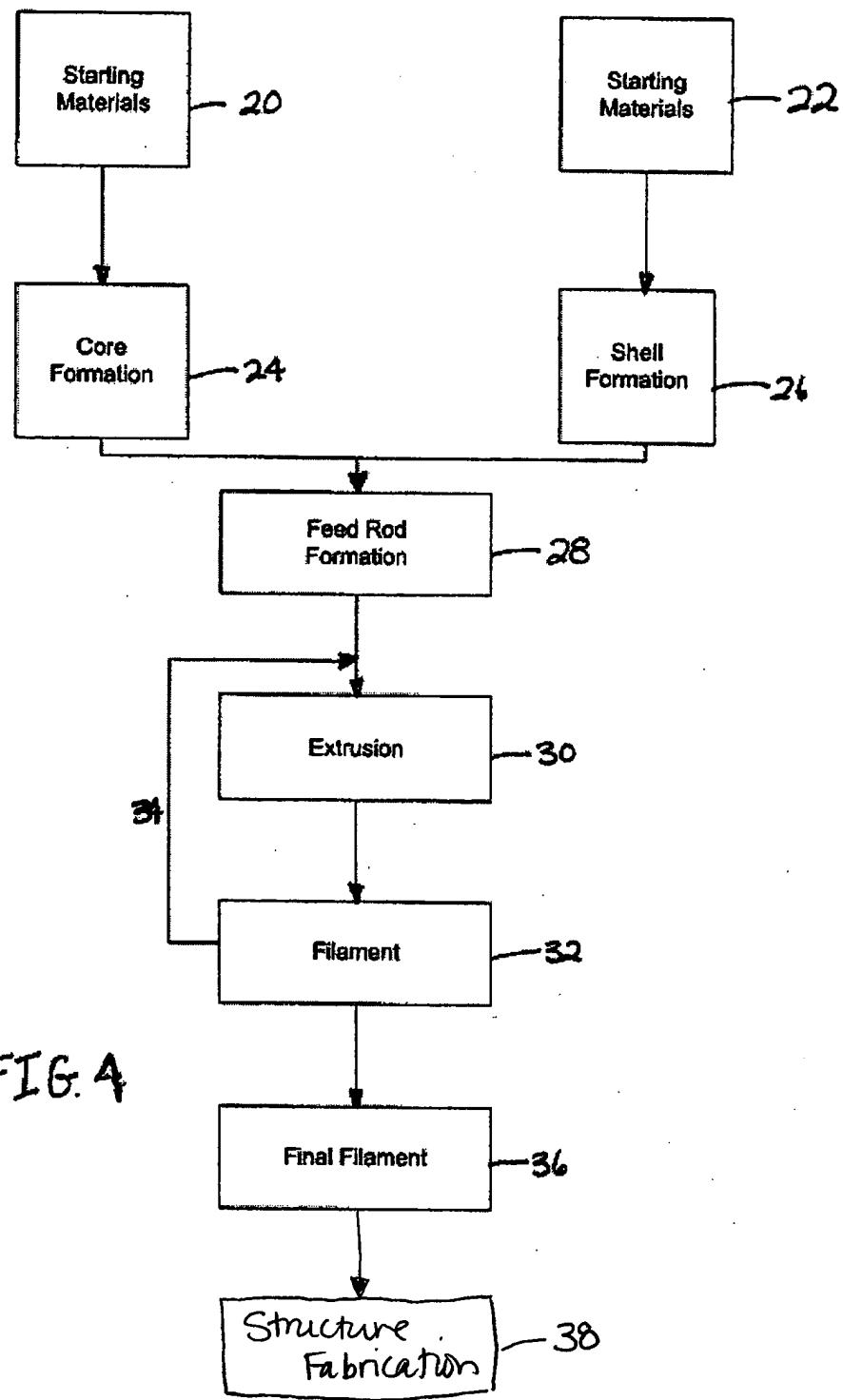


FIG. 4

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Fig. 5

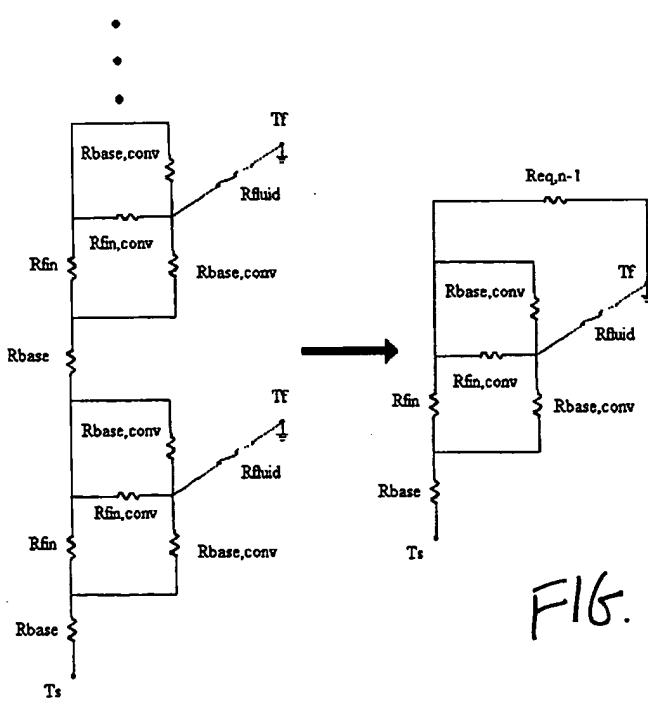
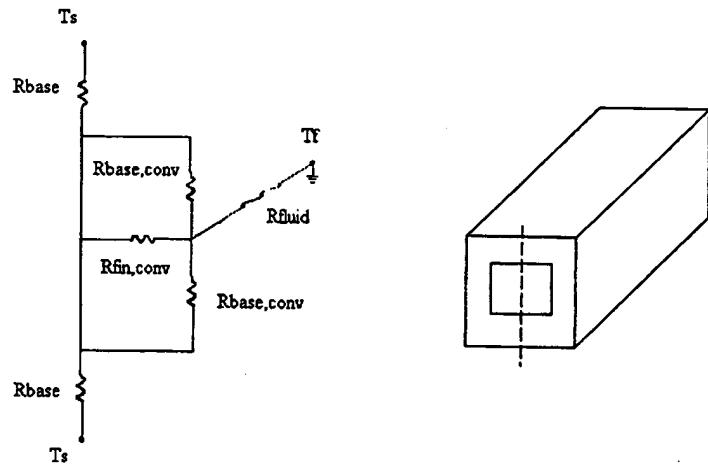


Fig. 6

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FIG. 7

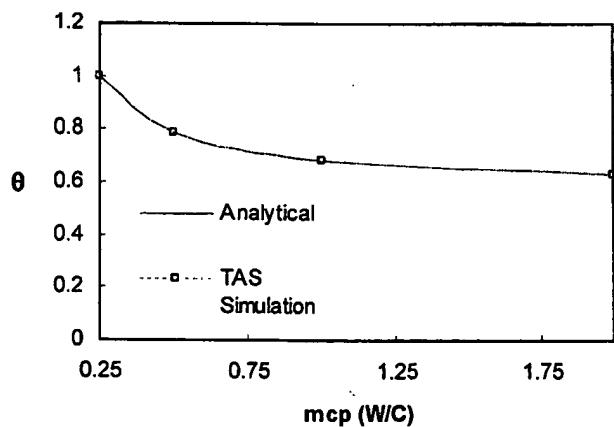
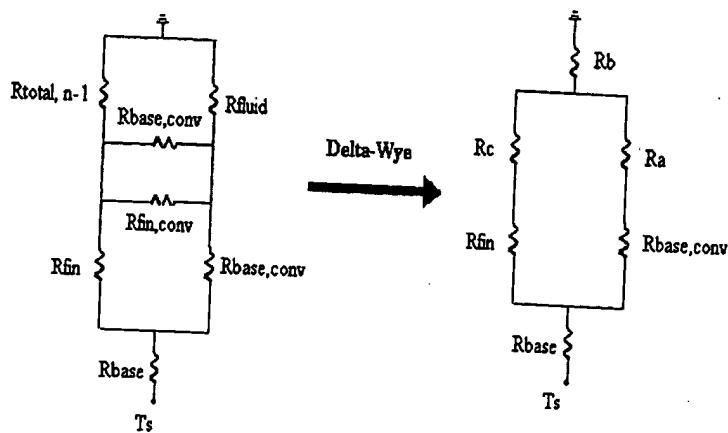


FIG. 8

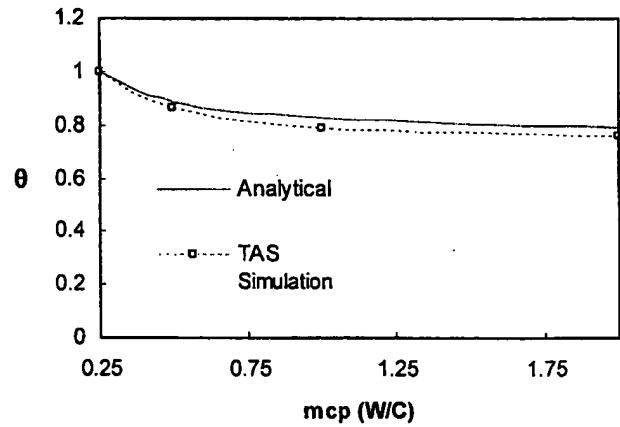
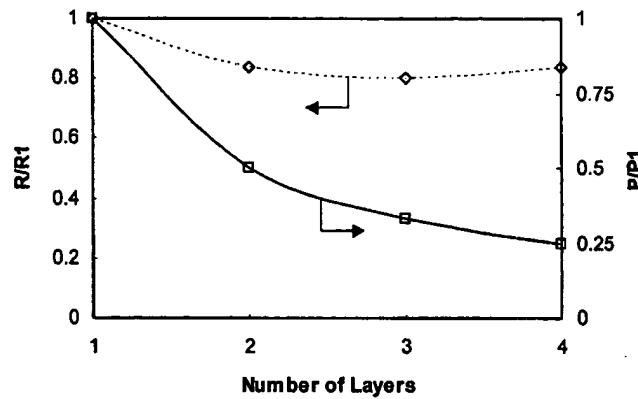


FIG. 9

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Fig. 10



Optimization of number of layers with fixed overall flow rate with single-sided heating
 R_1 is the overall thermal resistance for one layer case
 P_1 is the overall pumping power for one layer case

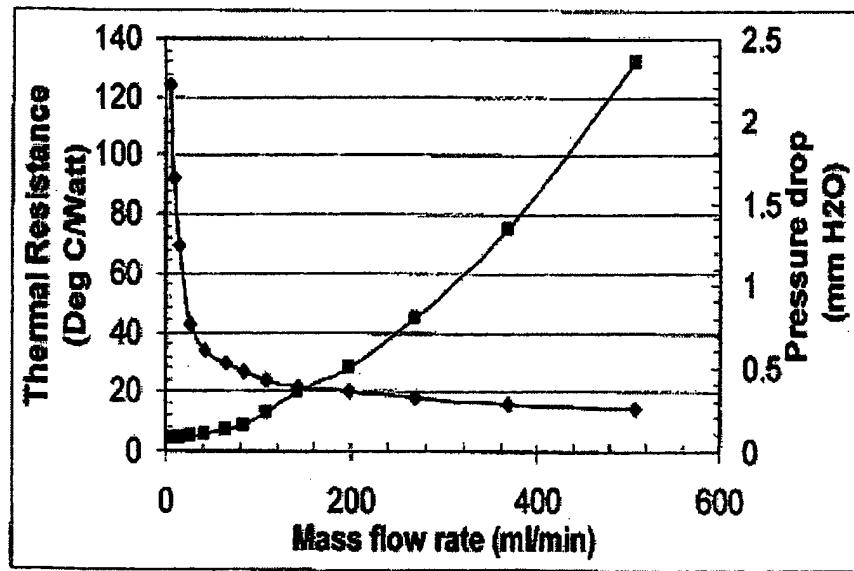


Fig. 11

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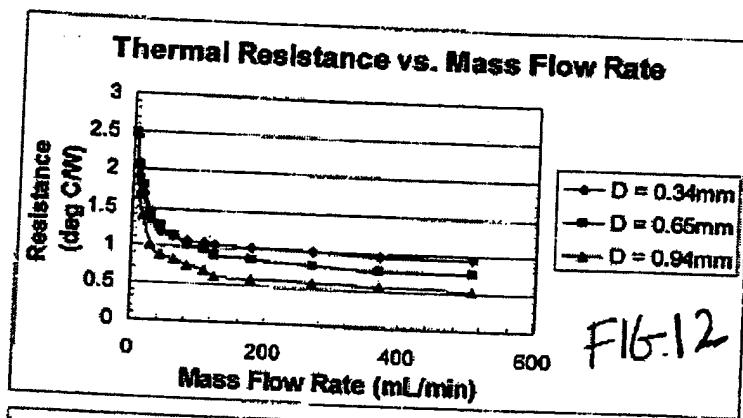


FIG. 12

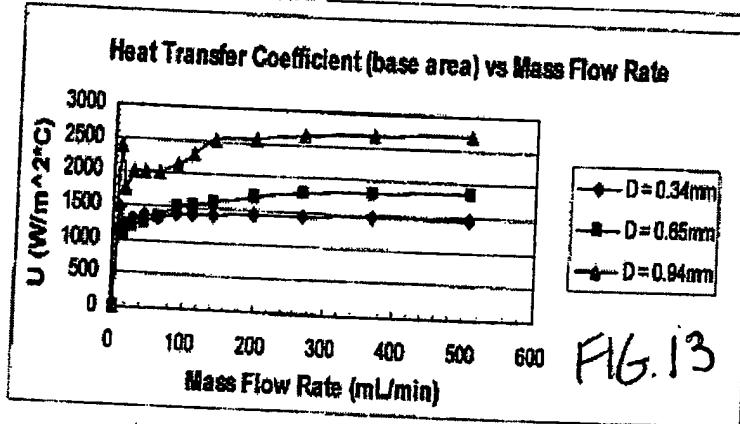


FIG. 13

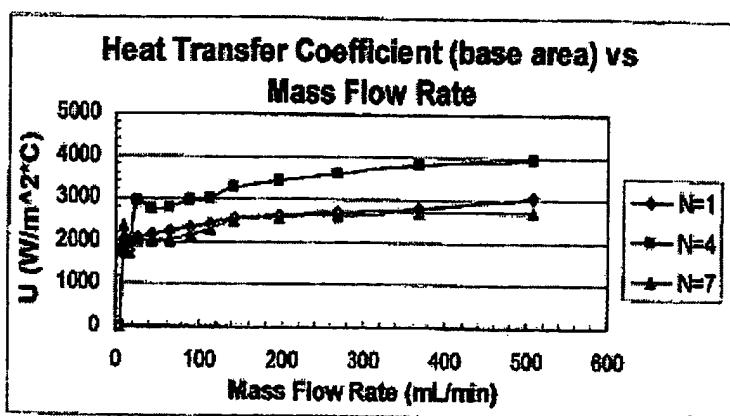


FIG. 14